

Flying In Formation Decisions

Flying In Formation Decisions for June 18, 1997

- the Software Architecture Team (SAT) as currently chartered and staffed will now be reporting to SE&I
- Two new functions were accepted: (1) Strategic Engineering structure was accepted; (2) Hardware Architecture Team was accepted in principle
- SE&I Division Chief will Chair the Engineering Review Panel
- Design Panels will no longer be chaired by SE&I, but transition to a co-chaired structure which includes all the Division Chiefs
- : (1) The requirements for personal workstations (PC's) used for office functions are the responsibility of the PCO, and Sub-system Engineering is responsible for implementing and maintaining those requirements; (2) The PCO is responsible for creating and maintaining the database which contains the effectivity dates of all maintenance, and license agreements for the purpose of tracking ownership, where used, and notification of renewal. PCO will coordinate license and maintenance renewals with Sub-system Engineering and /or System Software; (3) Although SE&I is responsible for establishing system level requirements for system reliability, and maintainability, Sub-system Engineering is responsible for the implementation of those specifications including the purchasing of equipment spares, and maintenance; (4) System Software will be responsible for software licenses and license renewals including application software development tools purchased by Application Software

Flying In Formation Decisions for June 25, 1997

- Project Manager has ownership of the Fairmont IV&V effort
- The HAT charter and staff was reviewed and agreement reached on the HAT lead and staffing. Strategic Engineering staffing was finalized and charter approved
- Specialty Engineering structure and staffing was accepted as presented
- The structure and staffing for System Integration and Test was accepted. Delivery Management function was verified as belonging to SE& I

Flying In Formation Decisions for July 2, 1997

- The Strategic Engineering Team is responsible for the definition of the Threads; not System Design.
- The Project Manager re-emphasized the ERP Chairperson will be the SE&I Division Chief.

- System Integration and Test lead has been assigned.

Flying In Formation Decisions for July 9, 1997

- Program Management Documents(84K0001 - 84K00200), System Specifications (84K00201 - 84K00349), and External Interface Specifications are under Configuration Change Board control

Flying In Formation Decisions for July 16, 1997

- The ownership of line items on the 5 Year schedule (item 6) has been brought to culmination for at least this round of review. This action was closed with the understanding the search for owners would be a continuing effort as other line items are added
- An agreement was reached that the ERP, and SEMP documents would be updated by PCO.
- The Delivery Manager' Report produced weekly will continue in publication in its present form.
- Decision was made and generally supported by all that CLCS does require floorspace in the LCC and the current available floorspace would be retained and utilized for Integration Test, Facility Management, System Software support, Application Software support, and Sub-system support

Flying In Formation Decisions for July 23, 1997

- The Subsystem Engineering Structure is divided into four groups: Gateway Group, RTPS Group, CLCS Support Group, and Consoles and Platforms Group. The leads for each group were presented and accepted

Flying In Formation Decisions for July 30, 1997

- Administrative Networks Support will be split between Subsystems Engineering and PCO, with Ralph and Rosa going to PCO and Brian and Ted staying in Subsystems Engineering
- Logistics will support all divisions and so no names should be put in the org chart.
- Subsystem Engineering Organization and Personnel were approved with above noted redlines

Flying In Formation Decisions for August 6, 1997

. Set Management will work within the purchase process to gather the required data

The time span between the completion of hardware installation and activation and operation readiness (transfer to SFOC) now referred to as "Initial Operations and Maintenance" is the responsibility of the CLCS Project. The CLCS Project will provide the operations function for real time user support, set configuration, and set support in addition to the maintenance function

All the activities of the Initial Operations and Maintenance are separate from the installation and activation of sets

SE & I reported that the landing zone for transition planing of development to operations (Action #8) has been assigned to the Integration & Test Function within the SE & I structure.

The CLCS Shuttle Data Center Structure was presented which is divided into 5 functional areas: (1) Test Build Services, (2) Data Recording Services, (3) Software Management Services, (4) Support Services, and (5) CLCS Operations Center. The roles, responsibilities, and leads staffing for each function was defined. Agreement was reached on all except for the Support Services Function. A change in the lead for support services was suggested and accepted after some discussion.

Flying In Formation Decisions for August 13, 1997

System Software interfaces to IV & V for daily activities, but IV & V reports to the Project Manager

The Displays Group was expanded to include viewers and navigation so the group name now is Displays, Viewers & Navigation

The presentation of the CLCS Application Software Structure was started, and showed the incorporation of 4 functions: (1) Real Time Control Product Team, (2) Data Analysis and Presentation, (3) Simulation, and (4) Special Projects

The Real Time Control Product Team will be responsible for the Common Support Library which will be created and used by the Integrated Product Team (IPT). The IPT's will be led by System Engineers of the various disciplines

A decision was reached that the Real Time Control APT will present the Application Software Architecture and any new Application Software concepts to the Application Design Panel. The presentations will be DP1's: i.e., concepts and requirements, only.

The responsibility for Operational Readiness Reviews belongs to the User Liaison; the USA user liaison accepted the responsibility.

Flying In Formation Decisions for August 20, 1997

The responsibilities and products for the Common Support Libraries under the Real Time Control Application Product Team are now delineated. The contents of this library will mainly support application software reuse, i.e. generic objects.

The CERT will determine the level of testing required for ported systems.

The Proposed staffing for Application Software produced a small number of comments, and then was accepted.